

**challenge to  
the resourceful**

Almost every remote area of the Canadian north is aware of the planes and the men of the RCAF. Trained and experienced to meet the constant demands of its harsh environment, aircrew and groundcrew help maintain this continent's round-the-clock alert beyond the tree line.



**AVRO AIRCRAFT LIMITED**

MALTON • CANADA

MEMBER: A. V. ROE CANADA LIMITED & THE HAWKER SIDDELEY GROUP

CF-100'S ARE ON GUARD IN CANADA—AND IN EUROPE WITH NATO AND THE BELGIAN AIR FORCE



# Avro

## NEWSMAGAZINE

**July 12 Is Big  
Annual Picnic**

**Avro President  
RCAFA Speaker**

VOL. 4, NO. 7

PUBLISHED TWICE MONTHLY BY AVRO AIRCRAFT LIMITED

JUNE 13, 1958



JIM FLOYD accepts McCurdy Trophy on behalf of RCAF and all at Avro from G/C Ray Footit, CAI President.

## Avro's J. C. Floyd Awarded McCurdy Trophy



## Dominion Day Weekend Make-Up Work Schedule Conditions Explained

In addition to Dominion Day Holiday of July 1st the plant and offices of the company will be closed on Monday, June 30, it has been announced by E. F. Alderton, Industrial Relations Manager.

Because of this extra day off Avroites will be required to work the "make up" day according to the following schedule:

### HOURLY-PAID EMPLOYEES—

**Day Shift**—All hourly-paid employees presently on day shift will work a day shift on Saturday, June 14.

**Night Shift**—All hourly-paid employees now on night shift whose shift changes to days on June 14, will work a day shift on Saturday, June 21.

**Round-the-clock shift**—(1) Employees presently on the midnight to 8 am shift will work a shift from midnight, Friday, June 13, to 8 am Saturday, June 14. (2) Employees now on 8 am to 4 pm shift will work from 8 am to 4 pm on Saturday, June 14. (3) Employees now on the 4 pm to midnight shift whose shift changes to 12 to 8 on Saturday, June 14, will work the shift from midnight Friday, June 20, to 8 am Saturday, June 21.

The above arrangements will apply to all hourly-paid employees except firemen and boiler room employees who will work the regular shifts.

### WEEKLY PAID EMPLOYEES—

**Day Shift**—Weekly-paid employees on day shift will work a day shift on Saturday, June 14.

**Night Shift**—Weekly-paid employees now on night shift whose shift changes to days on June 14, will work day shift on Saturday, June 21.

The make up day will be worked at straight time.

Employees covered by these arrangements who are required to work Monday, June 30, will be paid at time and a half—as for a Saturday.

For employees not covered by these shift arrangements (steady nights, etc.) special arrangements will be made for the groups concerned.

## Avro NEWSMAGAZINE

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## THE WORLD AROUND US

**SHAPE SHUFFLE**—Supreme Headquarters, Allied Powers Europe requests RCAF officer for position of Deputy Chief of Staff Operations. A/V/M C. R. Dunlop, Vice Chief of the Air Staff will take over the position with the rank of Acting Air Marshal during the tour of duty. A/V/M D. M. Smith, former chairman, Canadian Joint Staff in London, has returned to Canada to become Vice Chief of the Air Staff. (Aircraft: May 1958).

**HIGH ALTITUDE EJECTION**—Highest known emergency parachute escape made recently by two RAF Canberra crewmen when aircraft disintegrated at 55,000 ft. Men remember very little of eight-mile free fall, but landed gently some 20 minutes after ejection to set new record for emergency bale-outs. Survival said due largely to barometric release which automatically opened parachutes at breathing height of 13,000 ft. (Aircraft: May 1958).

**CLIMB PERFORMANCE RECORD**—French Trident II, built by Ouest Aviation, powered by two wingtip-mounted Turbomeca Gabizo jets and single SEPR 631 rocket engine, sets new climb performance record by reaching altitude of 49,200 ft. in 2 minutes 37 seconds. Timing clock from brake release to altitude. (Aircraft: May 1958).

**RARE-AIR COMBUSTION**—During recent high altitude record runs of Lockheed F-104 Starfighter, some form of combustion was reported maintained in GE J79 turbojet even at maximum altitude of 91,000 ft. Afterburner flamed out between 60,000 and 70,000 ft. More than windmilling rpm indicated at max. altitude (Aviation Week: June 2, '58).

**PENTAGON HUMOR**—U.S. Defence Dept. press office employees reflect sense of humor in signs posted in Pentagon offices. These two stand out: "If you don't understand it—oppose it." and "If the boss calls, get his name." (Air Force Magazine: June 1958).

**ITEM OF INTEREST**—Total revenue of Seattle-Tacoma International Airport for 1957 was \$837,100. Landing fees accounted for \$134,200, while \$132,500 was received from car parking fees. (Canadian Aviation: June 1958).

**WORLD SPEED RECORD**—Lockheed F-104A flown by Capt. Walter Irwin, U.S.A.F. sets new world's speed record of 1404.19 mph over Mojave Desert. (Canadian Aviation: June 1958).

**CL-44 ENGINE CHANGE**—Rolls Royce Tyne 2 turboprop engines selected to replace Bristol Orions on Canadairs CL-44 long-range transport according to RCAF. Decision of Bristol Aero Engines Ltd. to cease further development on Orion, forced change. Tyne 2 is new two-shaft, high-pressure ratio turboprop powerplant already scheduled for use in Vickers Vanguard airliner. (Aircraft: May 1958).

**RUSSIAN PERFORMER**—Russian Farmer fighters reported now flying operational at 65,000 ft. Farmers also being zero-launched. (Aviation Week: June 2, '58).

**AUTOMATED PRODUCTION**—Hughes Aircraft Co. recently staged public demonstrations of numerically-controlled prototype production line of three machine tools automatically turning out parts for use in production of fire control systems. In use now for about two months, the prototype line called "nation's first all-electronically-controlled line of machine tools"—comprises a horizontal milling machine, a 20-spindle drilling machine and a two-spindle boring machine. Called 'Digitape', system said to make possible 'Detroit-type' production for small job lot constituting most of machining in aircraft and missile industry." (Aviation Daily, Mar. 13, '58).

**NUCLEAR AIRCRAFT?**—Big question in aircraft nuclear propulsion is price U.S. is willing to pay to put nuclear-powered aircraft into air ahead of Soviet Russia for purely political and psychological reasons. Decision is to wait for good powerplant—at least, for the time being. (Aviation Daily, Mar. 10, '58).

**HUSTLER MONEY**—Initial operational wing of B-58 Hustler supersonic bombers will cost between \$700 and \$800 million, USAF told Congress in justifying Defence Appropriation for fiscal 1959. Some long lead-time components will be purchased with fiscal 1958 funds so part of programmed funds will be used in fiscal 1959 for purchase of long lead-time components for 1960 "buy" program. (Aviation Daily, Mar. 12, '58).

**CAPITAL SERVICE**—Capital Airlines urging Civil Aeronautics Board to negotiate with Canadian government for addition of Toronto and Montreal to airline's route system. Specifically Capital requests non-stop authority between Toronto-Buffalo, Toronto-Miami, Montreal-Buffalo, Toronto-Pittsburgh and Montreal-Chicago (via Detroit). (Aviation Daily, Mar. 11, '58).

## Sees Need For Better Communications Between Aviation Industry And Public

"It would appear that if the public is long on interest but short on knowledge of the progress made by aviation," contends Avro's President and General Manager, J. L. Plant, "it is a fair statement to suggest there exists a critical need for better-defined lines of communication between the industry and the public."

Speaking to the 8th Annual Convention of the Royal Canadian Air Force Association in Edmonton, Mr. Plant pointed out many areas in which he felt Canada's aviation industry was selling itself short because of its current approach to public communication.

These are views held by Avro's president:

"Three months ago Canada had not entered her supersonic era.

"Three months ago, the first Avro Arrow was being readied for its maiden flight . . . and my colleagues and I at Avro were confident that the Arrow would be airborne before the month had passed.

"On March 25th, our confidence was justified when the Arrow, in the competent hands of Jan Zurakowski, eased effortlessly into the air from Malton Airport.

"The third flight which commenced at 10.30 on 3rd April signalled the dawn of Canada's supersonic era. On that day, flying a flight plan exactly as prescribed by the design engineers,

Zurakowski exceeded the speed of sound—not in a dive, not in level flight, but while climbing and at a height of more than 40,000 feet.

"Four flights later—the 7th flight in the Arrow's Flight Test Program—a thin, white line was traced across the blue of a Southern Ontario sky. It was the contrail of the Arrow, slipping through space at a speed in excess of 1,000 miles an hour—in excess of 1½ times the speed of sound.

"Canada had indeed entered the supersonic era of powered flight.

### Nature of Progress

"How many Canadians appreciated what that meant? How many cared?

"The percentage of technically-minded and technically-trained in a cross-section of any given group of people is relatively small. Aviation has become increasingly complex and increasingly technical. The percentage of the public that is aware of aviation's progress, and the nature of that progress, has grown proportionally smaller as aviation itself increased in stature.

"Aviation has made tremendous progress in its relatively very short span of existence. Within a half-century, it has grown from a powered box kite at Kittyhawk to a public conveyance across the Atlantic for more than one million people last year; it has surpassed the Automotive industry in the

(Continued on Page 5)

## Appoint Duke Riggs V-P Manufacturing

W. H. (Duke) Riggs has been appointed Vice-President Manufacturing, it has been announced by J. L. Plant, President and General Manager.

This position has been vacant since H. R. Smith's resignation last February to take up his present position at Dosco. At that time Mr. Riggs, who was Works Manager became responsible for the company's continuing and new production activities, a position he held until his present appointment.

Duke Riggs came to Avro in 1949 bringing with him 10 years' experience in aircraft assembly, tooling and inspection at Fleet Aircraft. Beginning as an assembler, he soon became a General Foreman, first on Overhaul and Repair of Mitchell aircraft then on CF-100 assembly. He later was put in charge of CF-100 assembly then became Assistant Superintendent in Details.

His next position was Assistant Production Shops Manager. He then became Production Shops Manager, which position he held until December last year when he was appointed Works Manager.

## Announce Orenda/BMW Technical Aid Program

Orenda Engines Ltd. has announced a program of technical assistance to Bavarian Motor Works of Munich, the company designated by the West German Government to repair and overhaul Orenda engines which power the Canadian-built Sabre aircraft of the German Air Force. Earle K. Brownridge, Executive Vice-President and General Manager of Orenda, said the program called for technical assistance "where and when needed."

This will include among other things the training of BMW personnel both in Germany and at the Orenda plant, assistance in setting up procedures and in the purchase of some capital equipment, Mr. Brownridge said. Orenda will supply the necessary tooling.

Engineering Division points out that the closing date for applications for the three Avro Aircraft Scholarships for children or wards of employees to four-year degree courses at any recognized Canadian University in Engineering or Honour Sciences is Wednesday—June 18th.



NORAD CHIEFS INSPECT ARROW—General Earle Partridge, USAF, left, Commander of North American Air Defence and Air Marshal C. R. Slemon, RCAF, right, Deputy Commander of NORAD are seen with J. L. Plant, Avro's President and General Manager during a recent tour of the company's Arrow production facilities. The short visit was scheduled to allow the NORAD Chiefs to personally acquaint themselves with the progress of the Arrow program to date and to talk with the test pilots who have flown it.



## J. C. Floyd Wins McCurdy Award At Recent Annual CAI Meeting

The McCurdy Trophy, emblematic of top achievement in Canada's aviation field was awarded this year to James C. Floyd, Avro's Vice-president Engineering at the recent Annual Meeting of the Canadian Aeronautical Institute held in Toronto.

The trophy was donated for annual presentation by the Hon. J. A. D. McCurdy, pioneer Canadian airman who was the first man to fly in Canada as well as the British Empire.

Unfortunately, Mr. McCurdy, still a most aviation-conscious man, was unable to get to the CAI meeting in time to personally present the trophy to Jim Floyd, so the award was made by G/C Ray Footit of the RCAF who is president of the CAI. Mr. McCurdy did, however arrive in time for the Annual Dinner held the evening of the same day.

In accepting the McCurdy Trophy, Jim Floyd said:

"While I obviously could not accept this award on a personal basis since the Arrow is the product of a large-scale team effort, I would be delighted to accept this honor on behalf of the Royal Canadian Air Force around whose specifications the aircraft was designed, and on behalf of all at Avro in all divisions, especially my colleagues in Engineering, who worked so hard on the successful development of this project.

"I might add at this point," he continued, "that the project is going particularly well so far."

In addition to his work in directing the design and development of the Arrow, Jim Floyd was also in charge of the design teams that produced the CF-100.

He began his engineering career in

those trying days of World War II as part of the team that produced one of the great airplanes of all times—the Lancaster bomber that laid the Rhur and so much of Germany in ruins and paved the way to victory.

At the end of the war when the world was so desperately in need of improved transport aircraft, Jim Floyd produced a miracle of sorts by designing the Avro Jetliner, first jet transport to fly in North America and second only by days in the world.

In 1950 he was awarded—the only non-American ever to be so honored—the Wright Brothers medal—the acme of recognition in U.S. aviation.

This year's annual meeting of the CAI was well attended by engineering representatives from aviation and allied industries across Canada. Some 420 persons attended the sessions where technical papers were presented and current information exchanged. Over 500 were at the dinner.

Other Avroites active at the sessions included: Ted Bragg, Production Engineering Manager who discussed the Tooling Approach to the Arrow; Art Downing, Chief of Digital Computing, who discussed the Applications of a

## ANNUAL VACATION

The Plants and Offices of the Company will close down for the **Annual Vacation, the first two weeks in August**, commencing at the end of the night shift **Friday, August 1st, 1958**. As a result of the Civic Holiday (August 4th) being observed during the Shut-down, the Plants and Offices will remain closed until the beginning of the day shift

**Tuesday, August 19th, 1958.**

Ten Year employees scheduled to take three consecutive weeks, with the third week to be taken immediately following the Shut-down, will return to work **Tuesday, August 26th, 1958.**

The above vacation dates will apply to all employees unless otherwise notified by their Supervisor.

**E. F. Alderton,**  
Industrial Relations Manager.

Large Scale Digital Computer in Aircraft Design and Development; Jack Ames, Chief of Product Design, Convention Arrangements Secretary; and Don Rogers, Chief of Flight Operations, who chaired the business meeting of the Test Pilots Section of the CAI.

## Kiddieland Site For Annual Picnic

It's Kiddieland at the CNE grounds in Toronto on Saturday, July 5 for the Annual Recreation Club Picnic.

The 1957 picnic was a huge success in every respect, but this one is slated to top everything, according to the Recreation Committee.

As everyone probably knows, the city of Toronto has been doing considerable road construction work in the neighbor-

hood of Kiddieland for some time. The result—the centre layout of amusement facilities, parking, race area, etc., has undergone a complete overhaul and provides a big improvement in the layout of Kiddieland over previous years.

There are many new and improved amusements to delight young and not-so-young alike.

As usual there will be plenty of hot dogs, ice cream, milk, soft drinks, candy floss and so forth on the menu for the day. Tickets, programs and identification ribbon kits will be distributed throughout the plant as soon as they are ready.

In this respect the picnic committee would appreciate an assist from all members of the club to complete the picnic cards concerning numbers of children attending as soon as possible. This means that tickets can be prepared for distribution with the assurance that not one youngster will be overlooked. For the adults, of course, there will be tea and coffee provided.

A large race program is slated to get under way at 1.00 p.m. on picnic day. The usual large attendance for this popular item is anticipated, and further improvement on this particular part of the day's program is already scheduled. Bleachers will be erected down each side of the race area so that all spectators and parents will have a much better opportunity of viewing these events.

## Need For Better Communications In Supersonic Era

(Continued from Page 3)

United States as a means of livelihood for workers; it has become the greatest threat to peace and—more important—the greatest deterrent to war.

"It would appear, then, if the public is long on interest but short on knowledge of the progress made by aviation, it is a fair statement to suggest there exists a critical need for better-defined lines of communication between the industry and the public.

"Have you ever heard these questions asked: 'Is it true that airports are not ready for jet carriers?'; 'Is it true that the noise of jet transports will necessitate the removal of Air Terminals from the fringes of cities to isolated un-populated areas?'

"Is it true . . . ? It is—and it isn't. For the most part, by far, it isn't.

"Most airports are ready for jet transports. The supersonic Avro Arrow—that considers a slow taxi run to mean 100 miles an hour—takes off from the Commercial Malton, Ontario, Airport in less than 3,000 feet of runway.

"What is the other question? That noise will drive airports of the future into the hinterlands? Not according to fact. Metropolitan centres adjacent to United States Airports servicing military jets have found that take-offs and landings mean nothing, from the standpoint of noise problem. Only in ground testing does noise constitute a problem.

### No Noise Complaints

"At Malton, the locale of the Flight Test Program of Canada's first supersonic aircraft, the Avro Arrow, not one complaint has been registered officially against the sound of jet flight since the Arrow program began. Earlier, an extensive sound-muffling program had been instituted with extensive equipment, to accommodate ground running of engines.

"Let's face it. The Canadian public is raising questions that are fair and reasonable and need answering. As a matter of fact and record, they have been answered. But there exists that problem of communications, to better reach the public with the answers.

"So let's do a bit of facing-up right now, to some of the basic questions that are being broached, in one form or other, by the public with regard to aviation.

"Here are some: Why are we making airplanes with missiles coming into being?; Why is so much money going to only a few manufacturers in the Aviation Industry?; Why are we developing Canadian Military Aircraft when we can buy them off the shelf from other countries—like Britain and the United States?; Is all this talk about space flight just a lot of nonsense?



ARMED FORCES DAY DISPLAY at the U.S. Navy Missile Test Centre, Point Mugu, California, featured an experimental Sparrow-armed CF-100 Mark 5 based at Mugu for air testing the missile to be used as armament on the Supersonic Arrow. The RCAF roundels on the CF-100 were the only non-American insignia on display, and the airplane attracted much attention according to Avroites based in California during the test period. In the above picture both the missile and wingtip rocket installations are prominent, while below is a general view of part of the Mugu static display with the California hills showing in the background to the left.



"First things come first. So we'll take question one. Why are we designing and developing and producing jet-powered, combat aircraft when missiles are taking their place?

"The answer has been given many times from the Councils of International Statehood; from the executive chambers of National Leaders; from the top echelons of military leadership.

"Here are a few, picked not from any specific design save that of seeking representative opinion:

**Lord Tedder, Marshal of the Royal Air Force:** 'Take my word for it—there are going to be aeroplanes, and military aeroplanes too, as far ahead as we can see. The idea that we are all going to sit in dug-outs and press buttons is just fantasy'.

**USAF Chief of Staff General White:** 'We will require a high performance manned aircraft for a great many years to come'.

**Gen. A. Ljungdahl, C-in-C, Swedish Air Force:** 'The missile threat should not now be exaggerated'.

**Deputy Chief of U.S. Naval Staff, Admiral Combs:** 'I think for many, many years to come we are going to have manned aircraft'.

**U.S. Army Chief General M. Taylor:** 'There is a current role for the interceptor aircraft in the next years to come'.

**Hon. George R. Pearkes, Canada's Minister of National Defence:** 'I do not feel that missiles and manned aircraft have, as yet, reached the point where they should be considered as competitive. They will, in fact, become complementary. Each can do things which the other cannot do, and for some years to come, both will be required in the inven-

tory of any nation seeking to maintain an adequate 'deterrent' to war'.

"In summary, it would seem fair to state that missiles and manned, combat aircraft will be complementary, and that over-emphasis of the missiles is premature, as in the case of the fond grandmother, introducing her two little pets to a neighbour: 'And this one is the Prime Minister and this one is the Archbishop'.

"Could be. But not yet. "What was question number two? 'Why is so much money going to only a few manufacturers?'

"This is a fair question and I'll do my best to give a manufacturer's answer.

### Prime Contractor's Position

"The Royal Canadian Air Force and the Royal Canadian Navy secure aircraft to meet their different needs—training aircraft, maritime anti-submarine aircraft, aircraft for rescue work, for hostile aircraft interception and destruction, for transportation—through a procurement procedure that initially approaches 'Prime Contractors'.

"Only a percentage of the Government money received by the Prime Contractors for defence projects stays with them.

"On a moment's concentration, it will be understood why. No aircraft manufacturer could possibly design and produce the thousands of parts needed for his products alone—without becoming a colossus. He must spread his project out among many suppliers and sub-contractors.

"The Avro Arrow, for one example, has some 38,000 separate parts. More than 650 suppliers share in the Arrow

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WELCOMED TO CALGARY by Mayor Don Mackay, on their recent tour of Western Canada, the A.V. Roe Canada Ltd. officials seen above were presented with ten-gallon hats and greeted by the proclamation held by the mayor, right. From left to right are: A. C. MacDonald, Executive Vice President, Industrial; Stephen G. Harwood, President Can-Car; Crawford Gordon, President and General Manager; Mrs. Malcolm Broadhead, Sir Roy's daughter; and Sir Roy Dobson, Chairman of the Board, A. V. Roe Canada.



(Continued from Previous Page)

program. More than 2,000 other Canadian companies in addition to the 650 suppliers quote on Avro orders.

"When the Arrow goes into production in significant numbers at a substantial production rate, many more firms will be required to build many of the detail parts and assemblies now being built at Malton in order to free floor space for the final assembly line. Even today on the Arrow program more than one-half of all monies received by Avro Aircraft Limited is passed on to suppliers and sub-contractors.

"The payroll for the more than 9,000 Canadians employed at Avro, alone, adds up to more than three-quarters of a million dollars a week. This payroll is spread through many communities, to help build schools, churches and hospitals and help generally support trade and industry with a resultant boost for employment opportunity for additional Canadians.

"Another substantial proportion of the monies received by Avro is expended on capital investment on facilities' expansion to better accommodate the defence projects. Currently, Avro has a million and 700,000 square feet of plant area.

#### The Money Question

"The financial aspect of defence projects, at Avro is, of course, paralleled by the other major aircraft manufacturers in the nation.

"So what was the question? Why is so much money going to a few manufacturers? It isn't. Government expenditures for defence projects are spread across the nation and into hundreds of individual communities and thousands of individual companies, and into the bank accounts of tens of thousands of individuals. And may I be forgiven if I recall that both individuals and corporations pay taxes?

"What was question number three? Why are we developing Canadian combat aircraft when fighters and interceptors are available from other countries?

"This, too, is a fair question. On first thought, it would indeed, seem uneconomic and unnecessary, from a

military point of view, to produce our own aircraft.

"But on second thought, this is far from the truth.

"In the first place, reliance on neighbours for our defence needs puts us automatically in the critical position of being virtually ignored by that neighbour when an emergency arises and he needs all and more, of his own resources, to meet the threat.

#### Defence Requirements

"Individual nations have individual defence needs. Canada has a vast, unpopulated expanse across its northern frontier; air bases are few and far apart; the climate can vary considerably at any given moment within its boundaries—from frigid sub-zero to near tropical. Our Bomber Interceptors must be capable of long range operation by day or by night, with a particularly effective, automatic fire control system so that the first pass has a good chance of being the only one needed for the kill. A chance for a second attempt is remote; because bombers are fast, you don't chase them; you try to intercept them, on a lead collision course.

"When the Canadian-designed CF-100 was ordered by the RCAF, there simply wasn't anything like it on the drawing boards of any nation in the world. It is a unique aircraft of many talents and capabilities to meet specific Canadian requirements. The Belgians have found that it meets their night fighter requirements and they have chosen it for their Air Force in open competition with the best night fighters in the free world.

"A mere 35 years ago, there was only one company in Canada seriously engaged in the production of aircraft. Canadian Vickers Limited was assembling single-seat Avro Patrol Aircraft on a contract from the Canadian Government for use at the High River Air Station in Alberta. The following year Vickers started design work on the Vedette Flying Boat.

"Today, the Air Industries and Transport Association tells us that directly and indirectly, over 100,000 Canadians are engaged in the Canadian Aircraft Industry.

"Briefly then, this is where we in Canada stand today with respect to one of our major industries as we enter the supersonic era. What next? Will it be space travel or is this idle talk and wishful thinking?

"Interplanetary travel, intercontinental ballistic missiles, cosmic reconnaissance and space flight quite naturally stimulate the imagination.

"There is another reason for the current drive toward space exploration. It is that of defence. Perhaps we could put it this way: If we are not sure why we need control of space for our security, we most certainly don't want to find out from an unfriendly nation. If space is to be of military consideration, WE WANT TO BE ON THE SPACE FLOOR.



FIRST SHIPMENT OF SPARES to the Belgian Air Force, part of which is shown above being loaded aboard the Swedish-American Lines S.S. Carlsholm, was made recently. This picture, taken by Avro Photographer Verne Norse, graphically captures the busy feeling of a Metropolitan water front. With the downtown Toronto skyline prominently highlighted behind the booms and rigging of an ocean-going cargo vessel loading a shipment for Europe, the photo is an example of what the entire waterfront will be when the St. Lawrence Seaway is completed.



CREATORS OF DANNY FORTUNE: Bill Dulmage, left and Bob McCormack are shown above with Gloria Noakes, Miss By-Line of 1957 who is the model for the strip's heroine, Tanya and F/L Jack Woodman, only RCAF pilot so far to fly the Arrow. Picture was taken at Avro to publicize the strip before it appeared in Canadian newspapers.

## Canadian Adventure-Comic Features RCAF, Avro Arrow

Successful flight testing of the Avro Arrow triggered the launching last week of the only nation-wide comic strip by and about Canadians.

Danny Fortune, "a rugged, man-of-few-words he-man" and a pilot with the rank of Flight Lieutenant in the RCAF, began syndication in 52 Canadian newspapers from Sydney, N.S., to Vancouver, B.C., as well as one paper in the U.K.

Danny's first adventure: Test-flying the Arrow for the RCAF.

The new strip, distributed by the Toronto Star Syndicate, is already in two-thirds of the available Canadian outlets. Syndicate manager F. P. Hotson says they have "never had a strip which started off in so many Canadian publications on its first release." They also hope to interest several other British newspapers.

Danny is the creation of commercial artist Bob McCormack and public relations man Bill Dulmage, both of whom were wartime RCAF pilots. Their strip will have authentic equipment and background drawn with a knowing eye for accuracy of detail. Full co-operation of the RCAF is being extended to the cartoonists in the interests of authenticity.

#### RCAF Has Appeared Before

This is not the first time the RCAF has appeared in adventure-comic strips in Canada. During the war, the "Terry and the Pirates" strip, drawn at that time by Milton Caniff, had Terry, then a second lieutenant in the U.S. Army Air Corps team up for a while with a RCAF Spitfire pilot named F/L "Tote" Bonney. More recently, the same strip, (also distributed in Canada by the Star Syndicate,) now drawn by George Wunder, featured Capt. C. C. "Hotshot Charlie" Charles as a USAF exchange pilot on a CF-100 squadron guarding Northern Canada.

Danny Fortune, however, will be the first strip in which a RCAF member is the star performer.

Canadian newspapers' comic sections have lacked a professional Canadian strip for a long time, relying on imports primarily from the U.S. and some from the U.K.

Love interest in the new strip is supplied by a dark-haired beauty named Tanya. Artist McCormack says that when he created Tanya he had a very-much-alive and beautiful Toronto girl in mind — model Gloria Noakes, Miss Universe of 1957 and third-place winner in last year's Miss Universe Contest in California.

Test Fly  
The Arrow  
Along With

# DANNY FORTUNE



Adventure, intrigue  
and romance  
are his companions  
as he guards  
Canada's skies

A New  
Adventure  
Cartoon  
Strip

Appearing in 52 Canadian Newspapers







By Stan Linnard

## SPORTS REVIEW

It seems rather strange to be sitting down to write the sports column in this issue of **Avro Newsmagazine** instead of sitting down to read it. Reading Hugh Gilmour's recaps of sports events involving Avroites is something we have looked forward to for nearly 10 years. Now, we hope that Gil will look forward to reading Linnard's column with as much interest and for at least as long a time.

Before launching into this issue's sports news, let's think back for a moment over all the words on sports that clicked from the Gilmour typewriter during his long "term of office". There have been quite a few thousands of them, and they have been good.

It would not be right to occupy the Gilmour sports chair without first saying on behalf of all of us at Avro: "Thanks Gil, for a helluva good column."

The sports chair is now officially occupied by a new columnist, and here is the current roundup of sports events at Avro:

**SOCCER** — In the Metropolitan Soccer League on Saturday, May 10th, Avro played Danubia at Earls Court Park, defeating them by a score of 5 to 0. Rankin opened the scoring for Avro in the first half and in the second half there were singles by Marshall, McGuire and MacKay scored two. By all reports this looks like the strongest team entered by Avro.

On May 14th, Avro played the 7000-

Club. The Avro's were down 1 to 0, before the game was very old, but came back strong, on a cold and miserable day, to win by a score of 6 to 2. MacKay scored two, Fleming two, Downie and Graham scored one each.

On Friday, May 30th, it was Avro vs Silverthorn and although Avro were without their regular goal keeper their defence played an exceptional game and wound up on the big end of 4 to 1. Fleming scored three and McKie had the single.

**RUGGER** — Avro's rugger team had their ups and downs since last reported in this column. Saracens First downed Avro First by a score of 6 to 3 in a well-played game that went into overtime. Avro First defeated Scottish First by a score of 14 to 0 at Brampton.

Avro Second and Irish Second played a close game, Avro winning 14 to 8 with Al Bailey and Cliff Ditchfield scoring for Avro. The Wanderer's First, last year's champions avenged a defeat by Avro by coming back to defeat them by a score of 10 to 3. Allen Needham scored Avro's points.

**BOWLING** — Although bowling has wound up for the season the Money Play-Offs in the Toronto Mixed League had some interesting highlights. At Forest Hill, George Laidlaw's Snap-Shots rolled 6348 to take top money off Stan Thompson's Orphans with 6289. Ian Butcher's Eagles won the consolation with a 6388 over Dick Richard's Viscounts 5976. At Rexdale there were

seven teams in the regular play-offs, Leo Sauve's Stinkers stole the regular play-offs first place from Ted Kaye's Hi-Lo's by a mere six pins. Bill Morris' Rockets came third to beat the highly rated Eager Beavers. Jim Pappa's Super-Six showed the calibre of bowling they were capable of by rolling more than the regular roll-off teams in the consolation roll-off, 6492 for six games.

The Recreation Club this year sponsored teams from Forest Hill in Toronto to Oakville and north to Brampton and Acton, this involved well over 100 teams.

Hats off to Don McEachern and his team the Savros at Rexdale Mixed League. Don's team lost 7 to 0 no less than 17 times during the season out of a 30-week schedule but still they came out to bowl and Don never stopped smiling during the year, in fact he says they had more fun than the winners.

The Toronto Mixed Bowling held their banquet on Friday, May 30th and it turned out to be one of the best yet, with good entertainment and a fine crowd to show their approval, many nice comments were made about the success of it and Leo Sauve the convener is to be congratulated.

**GOLF** — In the recreation club's first Golf Tournament of the season held at Bolton Golf and Country Club, some 138 ardent golfers tee'd off on a wet and chilly morning. The day started out cold but warmed up nicely by the afternoon. For those that played late after wanting earlier starting times previously, this was a distinct advantage.

I don't think anyone could have played a better game than the winner, a young fellow just out one year from Portrush, Northern Ireland, who shot a terrific 36-35 for 71. The name is Bill Elkin and he works on the Arrow final assembly. The same Bill Elkin won the Summerlea Golf Club championship

last year. (Orenda take note). Nice golfing Bill!

One of Avro's ten-year employees came second. This was Joe Griska who carded a 39-36 for 75. Third was Al Houston with a 40-36 for a neat 76. Other nice scores for the day were tallied by: Gord Harrison and Wally Brown both with 78, Harold Lund, Bill Hollingsbee and Ken Metson with 79, Ralph Waechter and Russ Thompson with 80.

**BADMINTON** — Congratulations are in order for the Avro-Orenda Badminton Club who have won the Lakeshore League championship for the second year in a row. This makes three winners in four years. Team members included: captain Bob Toms, assistant Enid Simpson; regulars Jim Harrison, John Herman, Bert Allengame, Mavis Harrison, Jan Schweigert and Christa Stienert. Subs were: Jeff Stokes, Ed Harvey, John Hendley, Penny Gadd and Wendy Pullen.

**BASEBALL** — Avro opened its House League Baseball with two scheduled games on Tuesday, May 20th. Bob Kerr's Raiders played Stan Henderson's Chiefs and the score was 16 for the Raiders and 10 for the Chiefs, indicating a close game with lots of good hitting power.

Ron Leamen's Flyers upset Les Aubert's Rebels by a score of 11 to 6 and by the look of this score there was no running away with the game. Leo Sauve's Eagles had just too much power for Ron Leonard's tool room Orfuns dumping them to the tune of 17 to 0. Bert Campbell was on the mound for the Eagles and played a hot game.

Gord Kemp's Scorpions and Ron Leonard's Tool Room Orfuns went into 8 innings before the Orfuns came out on top 7 to 6. Larry Glover pitched for the Orfuns.



FIRST AVRO CANDIDATE for membership in the Ten-on-Two Club is George Church of the Small Tools Dept., in Details. George was the only member of his department wearing safety shoes recently when he was walking along an aisle and had a 50-pound steel bar, which was propped against a bench, fall on his foot. Damage to foot: none. Damage to shoe: leather gouged, steel toe-cap not even dented. George is seen above holding the steel bar, and surrounded by the unsafe footwear of the other members of his department. Ten-on-Two Club is a national organization whose members have prevented damage to their toes and feet by wearing safety shoes at a time when unexpected accident could have crippled them.

## Expect 100,000 People To View Arrow Displays In Britain And U.S.

Nearly a hundred thousand military and civilian personnel are expected to view displays featuring the supersonic Arrow at Air Power exhibitions in the United Kingdom and the United States next September.

Thousands of Britons and representatives of other countries will get their first look at Canada's supersonic Arrow this Fall, during the SBAC Exhibition at Farnborough where Avro will present a 1/12-scale model in a dramatic display.

The six foot, five inch-long model, being crafted in England, will be mounted in a climbing attitude over a slowly-revolving dome on which, in relief, will be represented several land masses, the largest of which will be a general outline of Canada. The other shapes will not be identifiable as any other country.

Lines illustrating the "Dew", "Mid-Canada" and "Pine Tree" lines will provide further identification to the Canadian land mass. Surrounding the revolving dome will be a sectioned ring in which will be fitted at least four presentations of the Arrow in the various flexible roles to which it can be adapted. The artist's presentation of

these roles and the harmony of colour in the rest of the display is expected to lend a traffic-stopping appeal to this unveiling outside Continental Canada.

During the same month, September, Avro and Orenda will share a 50 x 20-foot area in The Air Force Association Airpower Panorama in Dallas, Texas.

Basically the presentation will be the same theme as at Farnborough, yet in a more modern vein: Eight foot high panels will serve as a back-drop to a slowly revolving model of the Arrow.

## Some Avroites Still To Get Anti-Polio Shots

The Plant Hospital reports it has now given the first anti-polio shot to all employees who have reported to them. However, they still have names of a number of employees who originally indicated their desire to take the shots, but have not as yet made an appearance at the hospital.

It would be appreciated if the Avroites who have failed to report to the hospital for the shots they wished to obtain, arrange to go to the hospital for their shots at the earliest possible time.



THE FOXY-CATS—Division A winners of the Cloverdale Men's Bowling League are shown here in a happy frame of mind. Back row, from left, are: Harry James, Leo Marchant, John Mosey, Bill Fox. In front are: Gord Green, Stan Linnard and Jim Coughlin. Trophies are theirs to keep.



THE REDSKINS—Division B winners of the Cloverdale Men's Bowling League are shown above with their individual trophies. Left to right, rear, are: Al Parks, Harold Deganis, Len Smith, Cowan Jobs. In front are: John Brooks, Tom Cooper and Art Cannell. All are happy with win.



THE SPOILERS—Prizewinners in Division E, Rexdale Men's Bowling League are shown above with their trophies. Rear, from left, Leo Sauve, Danny McLaughlin, Joe Doma, Vern Cline. In front are Bill Perry and Roy Ireland.





## MOVIES • BOOKS • TV • RADIO Hear-See THEATRE • MUSIC • RECORDS

By Elwy Yost

**THEATRE:** Montserrat, the Producer's Playhouse presentation, is most certainly an experience in the living Theatre which you should not miss if it is still running by the time this column hits the press.

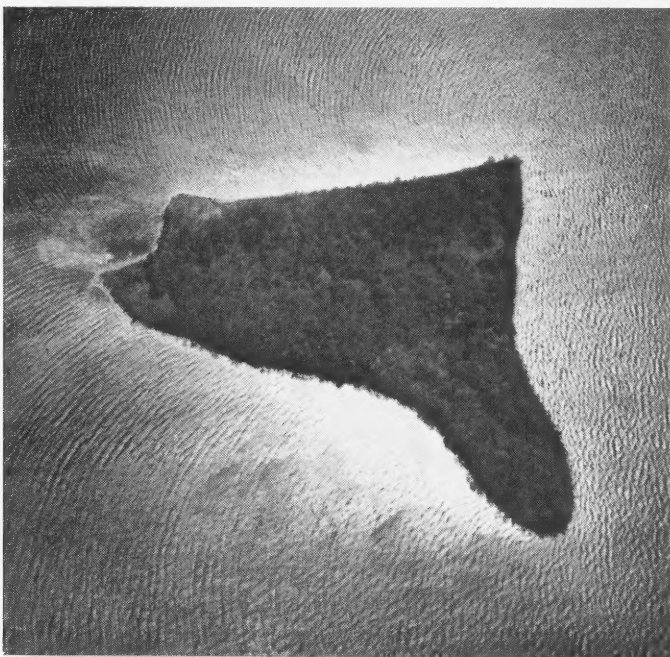
As mentioned last issue, the play concerns the efforts of cold-blooded Colonel Izquierdo, portrayed with remarkably subtle sadism by **Martin Raath**, to make Captain Montserrat tell where rebel leader, Simon Bolivar, is hiding. The time is 1812. The place: Venezuela.

One by one, six citizens of the local village, picked at random, are put to a firing squad, but Montserrat does not relinquish his secret. Each citizen is given a chance to persuade the captain to "talk" before death closes in, and the degradation and hopeless humility each is brought to by the vicious Colonel whose dialogue is barbed by a ghostly-humoured cynicism, is almost more than the audience can bear.

**John Carroll**, clerk, Material Assessment, played **Salas Ina**, one of the "six", a prosperous, middle-aged merchant married to a young and beautiful wife. In his attempt to make Montserrat bend to the Colonel's wishes, which would mean the sparing of his own life, **Carroll** is alternately angry, blustering, conniving and cowardly, and altogether wonderfully convincing. The sequence in which he is bodily dragged to his demise will long linger in memory as a vignette of pure horror.

In the end, even **William Brydon** in the title role is shot. But lest you think this play has nothing to offer except a wretched trial for the nervous system, let us remind you that in performance, dialogue, lighting, set design, direction and in **Brydon's** gifted poetics, **Montserrat** would stand up to anything in London's West End.

★ ★ ★  
**TV Tattle:** **Bernard Slade**, Canada's fastest-rising playwright, has sold a new quizz show to the CBC. Called **One Of A Kind**, it leads its panel of four on a delightful puzzle-



**WHAT IS IT?** While flying north recently with Chief Production Test Pilot Chris Pike, Avro Photographer Jack Hurst saw this "Arrow" apparently flying through the haze below. The effect was produced by the sun on waves rolling past this delta-shaped island. Can you guess its name? Some clues: It is well known and it is an Indian Reservation.

hunt for objects possessed by famous persons, both real and mythical. Watch for it these Friday nights. The objects promise to be pretty startling.

**Bern** phoned this column the other day to pass on a new joke currently doing the rounds at CBC. Hold on to your space suits:

"It seems that two Martians landed their flying scooter on the outskirts of **Toronto** and proceeded to walk into town. On their way they stopped in front of a water hydrant. Looking down at the hydrant, one Martian said: "Take us to your leader!" Whereupon the other Martian delivered: "Ah, don't bother with him. He's only a kid."

Did you happen to catch **Hour Of The Silents** the other week? If you're a stay-awake you probably enjoyed the revival of C. B. deMille's **Yankee Clipper** starring **William Boyd** who later became the screen's first and only **Hopalong Cassidy**.

At the end of the film, and in order to emphasize deMille's passion-for spectacle sequences, narrator **Paul Killiam**, showed a few feet of footage from the silent version of **The Ten Commandments**—the scene where Moses calls for the waters of the Red Sea to part.

Killiam's comment at the end of this brief flashback is worth, we feel, preserving here: "It was said out in Hollywood in the 20's when **The Ten Commandments** was first shown," he stated, "that while **Moses** had to call on the help of **someone else** to part the Red Sea, **Cecil B. deMille** had to do it all alone."

★ ★ ★  
**BOOKS:** On drug store pocket-book shelves you can find some fairly diverting and varied reading matter these days, some excellent reprints of earlier gems, both in novel and omnibus form.

**The Red And The Black** by **Stendhal** depicts the rise to power of a peasant's son in France's 1830's. Exquisite in style and character delineation, it was read by the French critic **Taine** some eighty-four times.

**The Graveside Reader**, edited by **Groff Conklin**, is for those hardy Avroites who, like this reviewer, enjoy the macabre. Included in the twelve tales of terror are such eerie devilries as **The Screaming Woman**, by Ray Bradbury, and **The Outsider** by H. P. Lovecraft.

**The Big Sky**, A. B. Guthrie Jr.'s western epic, is again with us and makes such a sensitively wrought picture of man and the oftentimes unfriendly nature of his rugged environment in the past century that it is recommended even for those who would normally turn up a nose at an oatmeal.

★ ★ ★  
**MADTOWN MOVIE AD:** "You'll never forget this thundering technicolor epic on the life of a world-famous Veterinary Surgeon! Yes . . . you'll never forget **Louis Pasture**. See thousands of germs in the microscopic climax. It's the finest motion picture since **The Last Days Of Pompey**! **Louis Pasture** has been filmed in the revolutionary new **Magie Lantern** process whereby the picture stands still and the audience does the moving. This theatre is equipped with hydraulic crane seats which project audience members right into the picture for startling close-ups!"

**AROUND TOWN:** **Spring Thaw** makes the most of some sharp local satire and continues to pack 'em in at Radio City. Were you doing double flips when the double twist denouement of **Witness For The Prosecution** hit the screen? We'll bet you're still doing 'em. Why doesn't Hollywood turn its cinemascope cameras on a new Western theme for a change with the title, say: "**The Romance Of The Daisy Air Rifle**"? Still, you can't go wrong with **Cowboy**, the Glen Ford-Jack Lemmon starrer, and for thrills and chills on the live stage, take in the Crest Theatre's new production of **Double Image**.

A recent article in a large magazine about the domination over the **Male** by the **Female** in our society is causing plenty of controversy. Has your household settled down yet? It all reminds us of a statement on the subject by George Bernard Shaw: "Certainly," he said, "the female dominates. She appeared first on the tree of life and invented man to help her along with her cause. Man had nothing to do in his spare time, and invented all the arts and sciences."

## CLASSIFIED ADS

This want ad service is offered free of charge to employees only. Turn all ads in to EMPLOYEE SERVICES DEPT. and not AVRO NEWS. Include your name, home address and house telephone number, in that order, with your ad. No Avro Aircraft local telephone numbers can be published. Ads will be repeated once only on renewal of the ad.

### ARTICLES FOR SALE

**GIRL'S Bicycle**, CCM, new condition, cost \$50 last summer, accept \$35, suit ages 8 to 12, Knight, King City 243.

**NEW WORLD Family Encyclopedia**, 20 volumes, new condition, \$15, CH 1-6448 after 6 pm.

**ONE 21-Volume Set** of The Illustrated Home Library Encyclopedia, price \$15, apply William Haase, Sandhill, Ont.

**GARDEN Tractor**, cultivator, plough and 24" lawn mower complete. 18" Bob-a-Lawn Jr. lawn mower, all in good condition, GL 1-4798.

**WEDDING Dress** size 12, full length, french lace over satin, hoop also, reasonable, RO 6-6574.

**CAR-Top Boat** in very good condition, RO 6-6574.

**V.M. Tape Recorder** with extra speaker, one Spanish guitar, one Hawaiian guitar with case, RO 7-0615 after 6 pm.

**MALL Saw**, perfect condition, 7", cost \$70, will sell for \$40, OX 1-6183.

**ALUMINUM Car-top Boat**, 12 ft. with oars, used about six times, also one piano, \$25 spent on complete tune-up, AT 9-4355.

**TRAILER**, 15" tires and rims, suitable for box 4' x 8', \$25, Joe, at OX 9-4693.

**STOKER**, Iron Fireman, good condition, \$75, furnace \$50, LE 1-7301.

**RANGETTE**, excellent for cottage or apartment, also lawn mower with rubber tires, used one season, CH 1-0290.

**FORD Motor**, 1956, complete 292 cu. in., 202 horse power, newly overhauled, ideal for boat, \$325, Rev 1-0112.

**GARDEN Tractor**, 4 h.p. gear driven, no belts, cultivator, plough, discs, and real good snow plow, \$400, sell for \$100, RO 7-6897.

**STORM Door**, Rusco Steel, 83" x 34", baked enamel finish, fitted with self-storing window, and screen, cost \$85, sell for \$45, AT 9-8609.

**IRISH Terrier Puppy**, pure bred, pedigree papers, championship breed, marvellous pet, sacrifice, WA 2-7477.

**RIFLE**, 22 automatic, Austria Tyrol, like new, sacrifice \$35, CR 8-1985.

**OIL Filter** like new, with two new cables and holder, also mantel radio, very reasonable, RU 3-8375.

**WEDDING Dress**, lovely, ballet length, size 10, worn three hours, also headress with rhinestone setting, great sacrifice, no room to store, both \$40, cost three times as much, HO 3-0774.

**YOUNG Rabbit** for sale, pure white, pedigree stock, H. Ravenhurst, Derry West Road, GL 1-4336.

**SET of Army Bunk Beds**, with mattresses and steps, 10 casement window sash 36" x 20 1/2", six light, reasonable, GL 1-2120.

**PLOT** in Glendale Memorial Gardens, Grand Valley, 211 R 22.

**ADMIRAL TV**, 17", new picture tube, nice model, reasonably priced, CH 1-3847.

**BABY Carriage**, Lloyd, like new, \$30, LE 1-3957.

**GE VACUUM Cleaner**, new, won in raffle, cost \$90, sacrifice at \$60, WA 1-4776.

**MOTOR Boat**, inboard engine, cabin, head lights, horn, etc., will sleep two, \$250, CL 1-0957 Monday to Thursday.

**ROLLAWAY Bed**, used, clean, ideal for child's room or summer cottage, \$15, TR 8-4747, Milton, call anytime.

**TRICYCLE**, \$4, bargain, needs one new tire, also kiddie trike \$2, and Shoo Fly rocker, \$2, BE 3-0620.

**MERCURY Outboard Motor**, 7 1/2 h.p. in A-1 condition, BU 6-2052 after 5 pm.

**WELSH Corgi Puppy**, champion stock, 11 weeks old, registered, Rita Etheridge, 77 Roseford Terrace, Acton, Acton 70.

**BOAT**, class "B" utility runabout 11' x 6', built last year and never used, \$200, CH 4-3042.

**MOVIE Camera**, 8mm reverse turret model, three lenses, zoom-type viewfinder, lens shades, conversion filters, in carrying-case. \$85 for quick sale, AT 9-8609.

**OUTBOARD Motor**, 1955 Mercury Mk 25 18 h.p., complete with three blade bronze prop and remote controls, top condition, \$250, CH 4-3042.

**HI-FI Unit** comprising Wellington seven Hi-Fi amplifier, seabeaze automatic record player, goldring 500 Hi-Fi cartridge, diamond and sapphire stylus, bass reflex enclosure 41" x 31" x 19" with 15" woofer, solid teak wood enclosure 11" x 10 1/2" x 23" with 8" speaker, \$180 cash, TR 7-3385.

**BABY'S Play Pen**, like new, HO 5-5555.

**PETERBOROUGH 16'** custom job, fully equipped, 25 Johnson electric, fibre glassed bottom boat cover, convertible top and trailer, best offer. CH 1-0531.

**FLUTE**, Henri Dubois make, excellent condition, VI 4-6318. Price \$55.

**MOVIE Camera and Case**, Brownie F.1.9 lens, as new, \$25, CH 4-2406.

**REFLEX Camera**, Yashicaflex with built-in exposure meter, good condition, \$30, HU 9-3170 after 6 pm.

### WANTED

**USED Stove** and fridge, 60 cycle, good condition, CL 9-9251 after 6 pm.

**CANOE**, light, canvas covered, good condition, Brampton GL 1-0143 after 6 pm.

**BABY Stroller** wanted in reasonable condition, for 18-month-old baby, RU 1-2319.

**CAR Radio** to fit 1952 Dodge, reasonable, RO 6-1604.

**WILL Pay** up to \$300 for best Ford or Ferguson tractor offered, RO 9-4725.

**RIDE Wanted** for two persons to Halifax, Nova Scotia, or vicinity annual vacation period, Acton 334 J.

**UNFURNISHED House**, five or six roomed, anywhere near Avro, urgently needed for family of six, JA 9-0438, Hamilton.

**TO RENT**, house, apartment or duplex, three bedrooms unfurnished for occupancy July 15th, preferably in smaller town within reasonable commuting distance from plant, or western suburbs of Toronto, close to schools, Jack Slater, HO 6-5992.

**TENT**, 9' x 12', good condition, TR 7-3719.

**SHALLOW Well Pressure System** in good working condition, piston type, CH 6-2955.

**ROOM and Board** in Lawrence and Main Streets area, Weston, by single gentleman, CH 6-2955.

**WANTED**, in good condition, fridge with left-hand hinge, washer, upright vacuum cleaner, CH 4-4092.

**WOULD Like a Ride** to Richmond, Virginia, during annual holiday, share in driving and expenses, for two adults, OX 1-6879.

### MISCELLANEOUS

**LOST** — spectacles with tinted lens May 27th, entrance to west parking lot, finder please contact M. Davison, VI 4-9621.

**TOP Soil and Garden Fill**, delivered to Avro employees, AT 8-1286.

**WILL Give Care to Child**, by day or week, Bolton or Nashville area, location No. 50 highway, AT 8-0332.

**FREE Home** for couple who would care for invalid lady, one child welcome, references essential, GL 1-4025.

### ARTICLES TO EXCHANGE

**16MM EASTMAN Kodak**, will trade for skin-diving equipment or outboard motor, or sell, \$365, OX 4-8866.

### CARS FOR SALE

**'52 METEOR** Customline, automatic, radio, etc., \$475, BE 3-1621 after 6 pm.

**'54 OLDS** Super 88 hydramatic, two-tone blue and cream, low mileage, custom radio, windshield washers, snow tires, \$1,500 or best offer, BU 6-4770.

**'57 VOLKSWAGEN** de-luxe, leatherette upholstery, excellent condition, like new, 12,000 miles, \$1,400, CH 6-2910 ask for O. Radford, after 6.30 pm.

**'49 METEOR** parts, six months old, carburetor, coil, also radiator and transmission in good condition, voltage regulator, CH 4-3461.

**'49 KAISER** sedan, in red, good transportation, \$75, HO 1-1965.

**'53 CHEV** Bel Air coach, very good condition, heater, seat covers, radio, two-tone blue, CL 5-2224.

**'50 CHEV** sedan, custom radio, heater, body and engine in excellent condition, \$300, CH 4-1055 after 5.

**'53 OLDSMOBILE 98**, in perfect condition, power steering, windows and seat, four new tires, will sell for \$1,200, BA 5-3323.

**'57 DODGE** Regent, two-tone, radio, lighter, seat-covers and white walls, 9,000 miles, best offer and take over payments, have paid \$1,000 of same, BU 6-2054 after 4.15 pm.

**'56 VOLKSWAGEN**, sun-roof, radio, \$1,075, deluxe, AT 8-0741.

**'51 PERFECT**, good second car, motor and body excellent, \$125, AT 8-0865.

**'56 PLYMOUTH** Savoy, two-door, blue and white, automatic, custom radio, windshield washers, 14,000 miles, GL 1-3859.

### PROPERTY FOR SALE

**BRICK HOUSE**, \$90 monthly and pay for your home like rent, with four rooms and bath upstairs, and same downstairs, private entrance to each, \$7,500 full price, 40 miles from Malton, GL 1-2771 after 5 p.m.

**SUMMER Cottage**, four bedrooms, fully furnished including 14' flat bottom rowboat, 100' safe sandy beach, located on Haliburton Lake, hydro on property, \$2,500 down, full price \$4,665, CH 4-5869.

**THREE Bedroom Semi-Detached** in Georgetown, storms and screens, down payment \$1,500, N.H.A. mortgage, 80 McIntyre Cresc., Georgetown.

**BUILDING Lot** for sale, approx. 100' frontage x 70' deep, corner lot, all fully serviced, TR 7-4614 Georgetown, Ont.

**BRICK House** approx. three years old, full price \$8,900, beautifully located on corner lot facing highway on the south outskirts of Erin in new Sub-division of Mountainview, three bedrooms, double glazed picture window, storm door and screens, oil heated and many other features, lot 75' x 150' completely lawned and fenced, 34 miles from Malton with many carpools operating in area. Phone TR 8-9479.

**SUMMER Cottage** for sale, Kiawanna Beach, Meaford, completely furnished, heavy duty wiring, full size screen porch, new sixteen foot boat with motor, garage and safe beach, TR 8-6722.

**GEORGETOWN N.H.A.** 5% resale, three bedrooms, large kitchen and living room, decorated, landscaped, \$13,900, terms arranged, TR 7-4486.

**LOT For Sale**. 64' x 355' deep, located at Painswick, three miles south of Barrie, for further information CH 4-0714.

**NINE Room Frame House**, 100 acres more or less, \$5,000 down, full price \$12,500, Bolton 1208.

**LARGE Cleared Lot** at Bowers Beach near Wasaga Beach, close to Collingwood, corner lot, full cash price \$350.00, CL 1-3907.

**BRICK Bungalow** in Acton, three years old, landscaped, corner lot 125' frontage, carport, full basement, oil furnace, three bedrooms, five piece ceramic tile bath, 5 1/4% N.H.A. mortgage, full monthly payment \$83.00, includes principal, interest, taxes, Acton 863.

**SUMMER Cottage**, Lake Simcoe, lot 67 x 220, furnished, electric fridge and stove, CH 4-0081 after 5 pm.

**FOUR Room Cottage**, Gyproc lined, fully equipped. Extra lot 210' x 135' and boat, beach nearly at back door, good fishing and swimming, terms cash or \$1,200 down, \$50.00 monthly, owner buying house, three miles from Collingwood, one block from Highway 26, OX 4-6393 after 6 pm.

**NEW Brick Bungalow** in Erin village, with attached garage, four large rooms and bath, oil heated, on dry level lot close to business section, immediate possession, priced to sell, moderate down payment to reliable party, Erin 79 R 11.

**BUNGALOW** in choice central Islington location, two bedrooms, finished basement, hot water heat with oil, screened breezeway, attached garage, fully landscaped, price \$20,500, BE 1-0635.

### ACCOMMODATION AVAILABLE

**COTTAGE**, winterized, Willow Beach, four furnished rooms, electric fridge, stove, etc., 150' lot all grass, very reasonable, Mrs. Campbell, LE 6-2630.

**ROOM and Board** for children three to five years old, by week or month, write R. Fielder, R.R. No. 1, Caledon, Ont. BA 5-3323.

**LARGE Bed-Sitting Room** with use of kitchen and laundry, furnished, \$10 per week, CH 4-6307 after 5.30 pm.

**ONE Bedroom Apartment**, Weston, possession July 1st, CH 6-5129 after 6 pm.

**BUNGALOW**, six room, oil heat, in large treed lot in Woodbridge, close to transportation, school and shopping, rent \$125 per month, available July 1st, AT 8-1476 after 5.30 pm.

**FIVE Room Bungalow**, on highway No. 27, also a furnished three room winterized cottage, inside conveniences, Bolton 217 W 2.

**THREE Bedroom Bungalow** to rent in Milton, like new, available July 1st, TR 8-9559.

**BED-SITTING Room**, nicely furnished and fully equipped kitchen, fridge, sink, etc. On bathroom floor, suit business couple, RO 7-9804.

**THREE Bedroom Bungalow**, large ultra-modern, lot 26, Delrex Blvd., Georgetown, two children welcome, \$135, RO 6-2913.

**TWO Rooms** and use of kitchen and bathroom, parking, would suit couple without children, CH 6-3263.

**BEDROOM**, furnished, \$6.00 per week, apply after 6 pm, 3 Hollis Street, Toronto 9.

**TWO Large Unfurnished Rooms**, located at 77 Lawnside Dr., near 401, off Jane, water in room, parking space, Canadian home, private, CH 4-8466.

**LOG Cottage**, furnished if desired, Hydro supplied, \$50 per month. Bolton 56 J 1.

**HOUSEKEEPING Cottage**, Picton district, two bedrooms, flush toilet, frig, boat, good fishing and swimming, \$40 per week, June to September. J. Overberg, R.R. No. 4, Picton.

**UNFURNISHED Basement Apartment**, newly decorated, raised floors, insulated, self-controlled heating unit, TV outlet, extension phone, separate side entrance. \$60.00 per month, available July 1st, RU 3-8375.

**FIVE Room Cottage** at Wasaga beach, will sleep eight adults, about two miles east of Main Drag, \$40 per week. BA 5-3323.

**THREE Rooms**, bathroom upstairs, heavy wiring, cupboards, sink, parking. July 1st, 1958, adults, CH 4-3330.

**TWO Bedroom Apartment** near Keele and 401, \$110 monthly, balance of lease to Sept. 1st. CH 4-9104.

**TWO Bedroom Apartment**, newly decorated, fully equipped, all conveniences, front lawn, parking, \$100 per month, available July 1st CH 4-9208.

**THREE Bedroom Brick Bungalow** to let, six months old, gas stove installed, 18 miles to plant, \$120 per month, 55 Sargent Road, Georgetown.

**WINTERIZED Cottage**, unfurnished, three rooms and bath, all conveniences, oil heating, 2nd line, near Caledon East, \$70 per month, available July 1st. Mr. Murdoch at Bolton 651 W 2 or 651 J 4.

**ONE Bedroom Unfurnished Apartment**, spacious, Mimico, overlooking lake, free parking, short lease to run, \$110 per month, CH 9-8614 after 6 pm.